

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 63192058  
PUBLICATION DATE : 09-08-88

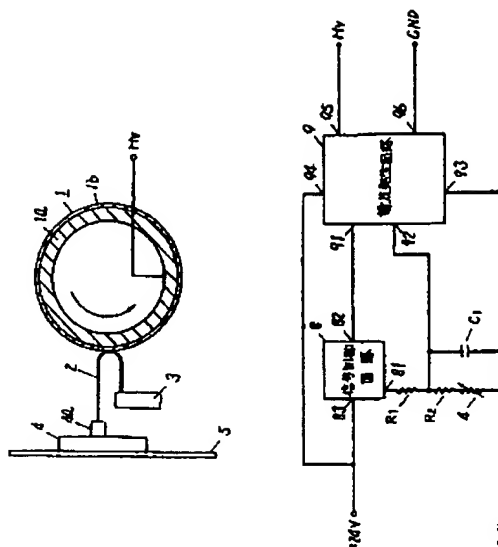
APPLICATION DATE : 04-02-87  
APPLICATION NUMBER : 62024060

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : SATO NORIHIDE;

INT.CL. : G03G 15/00 G03G 15/02

TITLE : ELECTROPHOTOGRAPHIC DEVICE



**ABSTRACT :** PURPOSE: To compensate the temperature of a photosensitive body with a simple and an inexpensive constitution and to obtain a high print quality by providing a temperature detecting means which detects the temperature of a photosensitive member and changing the voltage applied to a photosensitive member electrode in accordance with the output of the temperature detecting means.

**CONSTITUTION:** When the temperature of a photosensitive drum 1 is low, the shape of a temperature change detecting member 2 is changed, and the resistance value of a variable resistor 4 provided with a movable piece 4a to which one end of the temperature detecting member is coupled is changed, and the current value outputted from the terminal 82 of a signal control circuit 8 is changed, and a bias voltage HV generated by a voltage generating circuit 9 rises. Since the bias potential of the photosensitive drum 1 rises according as the temperature is lower, the potential is approximately constant after exposure, and an excellent printing quality is obtained independently of the change of temperature.

**COPYRIGHT:** (C)1988,JPO&Japio